

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-21 (cancelled).

Claim 22 (currently amended): A fluid delivery catheter, said catheter comprising:

a catheter body having a proximal end and a distal end, and at least two lumens extending therebetween;

an outer balloon disposed near the distal end of the catheter body and having fluid delivery ports formed therein, said outer balloon being connected to receive a fluid from a first of the lumens; and

an inner balloon disposed on the catheter body within the outer balloon and connected to receive an inflation medium from a second of the lumens, wherein the inner balloon is comprised of an elastomeric material and expansion of the inner balloon will expel fluid within the outer balloon outwardly through the delivery ports.

Claim 23 (currently amended): A fluid delivery catheter as in claim 22, wherein the outer balloon is non-compliant ~~and the inner balloon is elastic.~~

Claim 24 (original): A fluid delivery catheter as in claim 23, wherein the outer balloon has a generally cylindrical profile when expanded and wherein the delivery ports are substantially uniformly distributed over an outer cylindrical wall thereof.

Claim 25 (original): A fluid delivery catheter as in claim 22, wherein the fluid delivery ports have sufficient flow resistance to inhibit fluid flow in the absence of internal pressure provided by the inner balloon.

Claim 26 (currently amended): A method for delivering a fluid to an inner wall of a body lumen, said method comprising the following steps in the order named:

positioning an outer balloon at a target site within the body lumen;

at least partially filling the outer balloon with a fluid material to be delivered; and

inflating an inner balloon within the outer balloon to expel the fluid material through fluid delivery ports formed in the outer balloon.

Claim 27 (original): A method as in claim 26, wherein the body lumen is a blood vessel and the target site is a location which is to receive a tubular prosthesis.

Claim 28 (original): A method as in claim 27, wherein the site is proximate an aneurysm.

Claim 29 (original): A method as in claim 26, wherein the outer balloon is filled with a material selected from the group consisting of gels, foams, adhesives, and biological polymers.

Claim 30 (currently amended): A method for delivering a fluid to an inner wall of a body lumen, said method comprising:

positioning an outer balloon at a target site within the body lumen;
at least partially filling the outer balloon with a fluid material to be delivered,
wherein the material is selected from the group consisting of gels, foams, adhesives, and
biological polymers; and

inflating an inner balloon within the outer balloon to expel the fluid material
through fluid delivery ports formed in the outer balloon as in claim 29, wherein the outer balloon is filled sufficient to engage its outer surface against an interior wall of the body lumen without substantial loss of fluid material through the delivery ports prior to expansion of the inner balloon.

Claim 31 (original): A method as in claim 30, wherein the inner balloon is elastic and is inflated sufficiently to conform to the inner wall of the outer balloon to expel substantially all fluid through the delivery ports.

Claim 32 (New): A fluid delivery catheter as in claim 22, wherein the elastomeric material is selected from the group consisting of silicone rubber, latex rubber and polyurethane.